

## Agriscience Fair

New Jersey FFA Association  
New Jersey Department of Agriculture  
P.O. Box 330, Trenton, New Jersey 08625  
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*In Cooperation with the New Jersey Department of Education*

### Purpose of Event

Agriscience education is intended to enhance the image of agriculture by portraying to students that agriculture includes many careers that are not solely agricultural production or business-oriented. Agriscience-based careers require a strong background in the biological and physical sciences. Career options include: fiber technologist, water resource manager, plant geneticist, biochemist, etc. The Agriscience Fair provides middle school and high school students the opportunity to achieve local, state, and national recognition for their accomplishments in agriscience. This program also gives students a chance to demonstrate and display agriscience projects, which are extensions of their agriscience courses. FFA activities are an integral part of the instructional program in Agriculture, Food, and Natural Resources Education.

### Common Core & State Core Curriculum Content Standards

Through Agriculture, Food, and Natural Resources Education, FFA is helping students meet the 2010 Common Core and State Core Curriculum Content Standards in various areas. The Agriscience Fair teaches students about English Language Arts and Science. Some examples of how the Agriscience Fair is meeting these standards are:

**Students will: present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range of formal and informal tasks.**

- Through the Agriscience Fair, students present their scientific findings in a clear, precise, and objective manner. [SL.11-12.4. English Language Arts: Speaking and Listening – Presentation of Knowledge and Ideas]

**Students will: write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.**

- Students refine writing skills by developing logbooks and written project reports as a part of the Agriscience Fair. [W.11-12.2. – English Language Arts: Writing – Text Types and Purposes]

**All students will understand that science is both a body of knowledge and an evidence-based, model-building enterprise that continually extends, refines, and revises knowledge.**

- By participating in the Agriscience Fair, students learn that science is continually being refined and revised as new ideas are introduced and new information is discovered. [5.1 Science: Scientific Practices]

### Rules of Event

This event will consist of two (2) phases: Phase I – Written Project Report (judged prior to the state event) and Phase II – Interview/Display/Logbook (judged at the state event). [Click here](#) to review the six (6) categories in the Agriscience Fair: Animal Systems; Environmental Services/Natural Resource Systems; Food Products and Processing Systems; Plant Systems; Power, Structural and Technical Systems; and Social Systems. There are four (4) divisions of competition: Division I – Individual grades 7, 8, 9; Division II – Individual grades 10, 11, 12; Division III – Team grades 7, 8, 9; Division IV – Team grades 10, 11, 12. A team shall consist of a maximum of two people. Chapters may have one entry per category per division. For more details on this event, [click here](#) consult the [National FFA Agriscience Fair Handbook](#).

### Scoring for the New Jersey Event

*(other scoring may occur on the national level)*

Knowledge Gained – 15 points  
Scientific Approach – 15 points  
Experimental Research – 15 points  
Individual/Team Work – 15 points  
Thoroughness – 15 points  
Information – 15 points  
Results/Conclusions – 15 points  
Interview – 15 points  
Visual display – 15 points  
Written Project Report – 45 points (scored using its own rubric)  
Event Total – 180 points

[Click here to discover the  
Career Opportunities,  
SAE Opportunities and  
Proficiency Award Areas  
that correspond to the Agriscience Fair!](#)